Abstract of the Disclosure

A hierarchical software profiling mechanism that gathers hierarchical path profile information has been described. Software to be profiled is instrumented with instructions that save an outer path sum when an inner region is entered, and restore

5   the outer path sum when the inner region is exited. When the inner region is being executed, an inner path sum is generated and a profile indicator representing the inner path traversed is updated prior to the outer path sum being restored. The software to be profiled is instrumented using information from augmented control flow graphs that represent the software.

"Express Mail" mailing label number: EL584209735US
Date of Deposit: ___March 31, 2000___
I hereby certify that this paper or fee is being deposited with the
United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated above and is
addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231
Printed Name: ___Shawn Hise___
Signature: _____